

(First Revision)

A detailed cross-sectional diagram of a well assembly. The diagram shows a central riser pipe with a check valve at the top. The well is surrounded by different layers of backfill: concrete at the top, sand, and gravel. A filter pack is located around the bottom of the riser pipe, which is equipped with a perforated or slotted screen. A bottom plug is at the very bottom of the well. Various dimensions are provided in millimeters and inches, including the height of the riser pipe, the diameter of the riser pipe, and the thickness of the filter pack.

Labels and Dimensions:

- METAL WELL GUARD
- PLASTIC STAND PIPE
- 508 mm (20" min.)
- V-NOTCH WEIR
- CHECK VALVE
- 25.4mm WIRE MESH(1")
- RUBBER GASKET
- CAST IRON TENON
- CONCRETE BACKFILL
- SAND BACKFILL
- TOP OF GRAVEL FILTER
- TOP OF WELL SCREEN
- 101.6mm (4") min.
- 610 mm (2") min.
- 101.6mm (4") min.
- BLANK PIPE THROUGH VERY FINE SAND OR SILT STRATA
- FILTER PACK
- PERFORATED OR SLOTTED SCREEN
- 152.4 mm (6") min.
- BOTTOM PLUG
- VARIABLE - TO TOP OF MIN WATER TABLE
- VARIABLE

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